



Workshop on Energy Recovery Linacs (ERL2015)

June 7-12, 2013, Stony Brook University, Stony Brook, New York

ERL: Injectors Working Group charge

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The overall goal for our working group is to explore the results and new technologies available in injectors (laser, cathode, gun) since the previous ERL workshop. Within that broad category, we hope to address the following areas especially.

- Operational experience with guns.
- What are the limits of RF, SRF, DC guns?
- Best ways to reach target current. What diagnostics, laser modes do you need?
- Losses in the gun. What are the limits? Measurement? Mitigation?
- Beam halo in the injector. Detection, mitigation, removal?